
Cph1	SLR0473
Cph2	SLL0821
Cp11 (Cph3)	SLL1473
Cp12 (Cph4)	SLL1124
Cpl3 (Cph5)	SLL0041
Cpl4 (Cph6)	SLR1212
Cpl5 (Cph7)	SLR1393
Cpl6 (Cph8)	SLR1969

and substitute therefore the following:

-- Table 1. Correspondence between protein name and locus name.

Protein Name	Locus Name	Seq ID No.
Cph1	SLR0473	1
Cph2	SLL0821	2
Cp11 (Cph3)	SLL1473	3
Cp12 (Cph4)	SLL1124	4
Cpl3 (Cph5)	SLL0041	5
Cpl4 (Cph6)	SLR1212	6
Cpl5 (Cph7)	SLR1393	7
Cpl6 (Cph8)	SLR1969	8

At page 13, line 30, delete "The comparison" and substitute therefor the following:

--The illustrated sequences correspond to the sequence listing as follows: Atphye (SEQ ID NO:9), Atphyb (SEQ ID NO:9), Mcphy1b (SEQ ID NO:9), Atphyc (SEQ ID NO:9), Atphyd (SEQ ID NO:9), Slr0473 (SEQ ID NO:9), Sll1473 (SEQ ID NO:9), Rcae (SEQ ID NO:9), Slr1212 (SEQ ID NO:9), Sll0821b (SEQ ID NO:9), Sll1124 (SEQ ID NO:9), Sll0041 (SEQ ID NO:9), Slr1393 (SEQ ID NO:9), Sll1969 (SEQ ID NO:9), Sll0821a (SEQ ID NO:9).

The comparision --

At page 13, line 1, delete "9)." and subsitute therefor the following: --24).--

At page 31, last line, please delete "Table 1" and substitute therefor --Table 2-4

At page 32, please delete the following:

"**Table 1.** Phytochrome-Related Sequences in the Genome of *Synechocystis sp*

PCC6803.

Gene ID	Cyanobase Locus	Protein Length (aa)
Cph1	SLR0473	748 aa
Cph2	SLL0821	1276 aa
Cp11 (Cph3)	SLL1473	481 aa
Cp12 (Cph4)	SLL1124	1372 aa
Cpl3 (Cph5)	SLL0041	891 aa
Cpl4 (Cph6)	SLR1212	844 aa
Cpl5 (Cph7)	SLR1393	950 aa
Cpl6 (Cph8)	SLR1969	750 aa

and substitute therefor the following:

--**Table 2.** Phytochrome-Related Sequences in the Genome of *Synechocystis sp*

PCC6803.

Gene ID	Cyanobase Locus	Protein Length (aa)	Seq ID No.
Cph1	SLR0473	748 aa	1
Cph2	SLL0821	1276 aa	2
Cp11 (Cph3)	SLL1473	481 aa	3
Cp12 (Cph4)	SLL1124	1371 aa	4
Cpl3 (Cph5)	SLL0041	891 aa	5
Cpl4 (Cph6)	SLR1212	844 aa	6
Cpl5 (Cph7)	SLR1393	950 aa	7
Cpl6 (Cph8)	SLR1969	750 aa	8

At page 34, line 13, please delete "Table 2" and substitute therefor --Table 3--

At page 35, line 1, please delete "Table 2" and substitute therefor --Table 3--

REMARKS

This amendment is made to comply with the Sequence Listing Requirements. Accordingly, Applicants provide herein a sequence listing and request entry of this sequence listing in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a